PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Naoki Hanashima et al.
Filed	:	October 3, 2003
For	:	SPOT-SIZE TRANSFORMER, METHOD OF PRODUCING SPOT-SIZE TRANSFORMER AND WAVEGUIDE-EMBEDDED OPTICAL CIRCUIT USING SPOT-SIZE TRANSFORMER

Docket No.	:	890050.441
Date	:	October 3, 2003

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the cited references are enclosed). As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

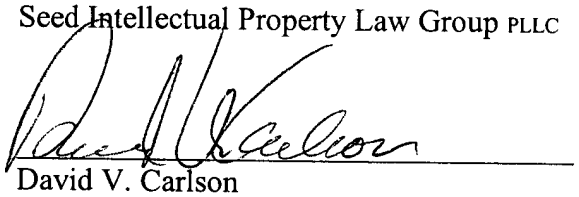
Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

Naoki Hanashima et al.

Seed Intellectual Property Law Group PLLC



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Enclosures:
Postcard
Form PTO-1449
Cited References (4)

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FORM PTO-1449 (REV.7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 890050.441	APPLICATION NO.
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Naoki Hanashima et al.	
		FILING DATE October 3, 2003	GROUP ART UNIT

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,411,764	06/25/02	Lee	385	131	
	AB	2002-0141682	10/03/02	Ryu et al.	385	14	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	TRANSLATION NO
	AK					
	AL					
	AM					
	AN					
	AO					

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AP		Shani, Y. et al., "Efficient coupling of a semiconductor laser to an optical fiber by means of a tapered waveguide on silicon," December 4, 1989, Appl. Phys. Lett. 55 (23), pp. 2389-2391
	AQ		Electronics Letters, March 28, 2002, Vol. 38 No. 7, pp. 319-321.
	AR		

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).